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NOTICE OF ALLOWANCE AND FEE(S) DUE

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04/18/2006

BLAKELY SOKOLOFF TAYLOR & ZAFMAN 12400 WILSHIRE BOULEVARD SEVENTH FLOOR LOS ANGELES, CA 90025-1030

EXA	MINER
NGUYE	EN, DANG T
ART UNIT	PAPER NUMBER
2824	

DATE MAILED: 04/18/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,297	12/31/2003	Jin-Hong Ahn	51876P540	9786

TITLE OF INVENTION: NON-VOLATILE DYNAMIC RANDOM ACCESS MEMORY

APPLN. TYPE SMALL ENTITY		SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
	nonprovisional			\$300	\$1700	07/18/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This for appropriate. All further cor indicated unless corrected to maintenance fee notification	m should be used for transespondence including the below or directed otherwises.	nsmitting the ISSU Patent, advance or in Block 1, by (a	FEE and reders and not specifying	PUBLIC ification a new c	CATION FEE (if requ of maintenance fees v correspondence address	ired). Blocks 1 through 5 s will be mailed to the current ; and/or (b) indicating a sep	hould be completed where correspondence address as arate "FEE ADDRESS" for
CURRENT CORRESPONDENC	E ADDRESS (Note: Use Block 1 for	any change of address)			Fee(s) Transmittal. The papers. Each additional	mailing can only be used for is certificate cannot be used to all paper, such as an assignment of mailing or transmission.	or any other accompanying
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BLAKELY SOK 12400 WILSHIRE SEVENTH FLOOI LOS ANGELES, C	₹	z ZAFMAN	`,		I hereby certify that the States Postal Service vaddressed to the Mai	rtificate of Mailing or Trans is Fee(s) Transmittal is being with sufficient postage for fir I Stop ISSUE FEE address TO (571) 273-2885, on the d	g deposited with the United st class mail in an envelope above, or being facsimile
200711102220, 0	1170025 1050						(Depositor's name)
•					5		(Signature)
							(Date)
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nonprovisional	NO	\$1400			\$300	\$1700	07/18/2006
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NGUYEN,	DANG T	- 2824			365-149000	J	
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	ence address (or Change of 2) attached.		(2) the nar	ne of a	single firm (having as a	member a 2	
"Fee Address" indicate PTO/SB/47; Rev 03-02 of Number is required.	ion (or "Fee Address" Indica r more recent) attached. Use	ation form e of a Customer	2 registere	d patent	or agent) and the nam attorneys or agents. If Il be printed.	es of up to no name is 3	·
3. ASSIGNEE NAME AND							
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be	elow, no assignee of this form is NOT	data will app	ear on t	he patent. If an assign	ee is identified below, the d	ocument has been filed for
(A) NAME OF ASSIGNE					g an assignment. CITY and STATE OR C		
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Please check the appropriate	assignee category or catego	ries (will not be pri	nted on the p	atent):	Individual Co	orporation or other private gro	up entity Government
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Publication Fee (No sr	nall entity discount permitte				t card. Form PTO-2038		
Advance Order - # of	Copies		Deposit A	ctor is he account l	reby authorized by cha Number	rge the required fee(s), or cre enclose an extr	dit any overpayment, to a copy of this form).
	from status indicated above)	_ ',				
	MALL ENTITY status. See		☐ b. Applic	ant is no	longer claiming SMAI	LL ENTITY status. See 37 CI	FR 1.27(g)(2).
NOTE: The Issue Fee and Punterest as shown by the reco	s requested to apply the Issu blication Fee (if required) w rds of the United States Pate	ie Fee and Publicativill not be accepted and Trademark (from anyone Office.	y) or to other th	re-apply any previously nan the applicant; a regi	y paid issue fee to the applica stered attorney or agent; or th	tion identified above. e assignee or other party in
Authorized Signature					Date		
						o	
This collection of information on application. Confidentialit	n is required by 37 CFR 1.3 y is governed by 35 U.S.C.	11. The information 122 and 37 CFR 1	is required t	o obtain	or retain a benefit by the estimated to take 12 r	he public which is to file (and	by the USPTO to process)

all application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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SEVENTH FLOC LOS ANGELES,			2824 DATE MAILED: 04/18/2006	5

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.